

Converting Colors

YUV(214.8930, -98.5472,
15.0028)

Have a look what the booklet for
YUV(214.8930, -98.5472, 15.0028)
contains.

YUV(214.8930, -98.5472, 15.0028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.8930, -98.5472,
15.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F50F
RGB	232, 245, 15
RGB Percent	91%, 96%, 6%
CMY	0.0902, 0.0392, 0.9412
CMYK	0.05, 0.00, 0.94, 0.04
HSL	63°, 92%, 51%
HSV	63°, 94%, 96%
XYZ	66.0173, 82.4951, 12.8956
YIQ	214.8930, 66.0820, -74.2860

Conversions

Conversions Part 2

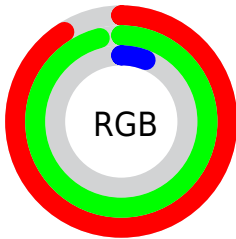
Format	Color
R _Y B	15, 245, 28
Decimal	15267087
CIE Lab	92.79, -26.13, 89.36
CIE LCh	93, 93.099, 106.302
Yxy	82.4951, 0.4090, 0.5111
Android (android.graphics.Color)	4293457167 (0xFFE8F50F)
YUV	214.8930, -98.5472, 15.0028
Hunter-Lab	90.8268, -29.2045, 55.1608

Details

The YUV color **214.8930, -98.5472, 15.0028** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **45.1070, 98.5472, -15.0028**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9880, -69.0141, 15.7965**, and **162.3710, -80.0489, 8.4446** is the 20% darker color. If you saturate the color by 10%, you get **212.8840, -104.9518, 15.8877**, and if you desaturate by 10%, it is **218.0420, -87.7747, 13.1182**.

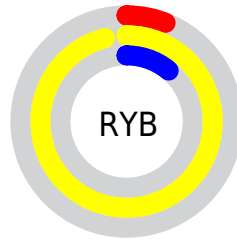
Distribution



Red (91%)

Green (96%)

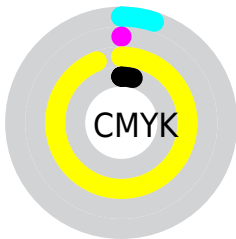
Blue (6%)



Red (6%)

Yellow (96%)

Blue (11%)

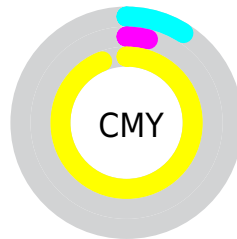


Cyan (5%)

Magenta (0%)

Yellow (94%)

Black (4%)



Cyan (9%)

Magenta (4%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8930, -98.5472, 15.0028 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 214.8930, -98.5472, 15.0028 by changing the saturation by 10% instead.

214.8930,
-98.5472, 15.0028

214.8930,
-98.5472, 15.0028

255.0000, 0.0000,
0.0000

187.7770,
-92.5741, 12.4736

236.9880,
-69.0141, 15.7965

162.3710,
-80.0489, 8.4446

240.5220,
-55.4733, 12.6972

137.5520,
-67.8131, 3.9009

243.9420,
-42.3694, 9.6979

113.6190,
-56.0142, -0.5429

247.3620,
-29.2655, 6.6985

90.2730, -44.5046,
-5.5014

250.7820,
-16.1615, 3.6992

67.2260, -33.1424,
-9.8452

254.2020, -3.0576,

45.3530, -22.3590,

0.6998

-15.2186

■ 24.0670, -11.8650,
-21.1068

■ 9.9790, -4.9196,
-8.7516

■ 214.8930,
-98.5472, 15.0028

■ 214.8930,
-98.5472, 15.0028

■ 212.8840,
-104.9518, 15.8877

■ 218.0420,
-87.7747, 13.1182

■ 221.3760,
-77.5864, 11.9482

■ 224.5250,
-66.8138, 10.0636

■ 227.8590,
-56.6255, 8.8937

■ 231.0080,
-45.8529, 7.0090

■ 234.0430,
-35.5172, 5.2243

■ 237.4910,
-24.8921, 3.9544

■ 240.5260,
-14.5563, 2.1697

■ 243.6750, -3.7838,
0.2850

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.9840, -86.2671, 42.9870



214.8930, -98.5472, 15.0028



198.1610, -48.3934, -65.0392

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214.8930, -98.5472, 15.0028



178.7550, 37.5888, -156.7681



193.9520, 30.0967, 53.5391

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



214.8930, -98.5472, 15.0028



45.1070, 98.5472, -15.0028

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6710, 19.3892, 34.4915



214.8930, -98.5472, 15.0028



178.7550, 37.5888, -156.7681

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.8930, -98.5472, 15.0028



178.7550, 37.5888, -156.7681



205.9620, 24.1757, -54.3407



183.4930, 2.7150, 62.7116

Rectangle

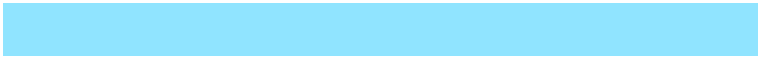
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.8930, -98.5472, 15.0028



167.6970, -4.7806, -147.0703



205.9620, 24.1757, -54.3407



199.8220, 27.2028, 48.3911

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



214.8930, -98.5472, 15.0028



245.7100, -30.4230, 4.6393



90.2270, -37.0869, 135.7359



122.0870, -18.7769, 2.5547



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.8930, -98.5472, 15.0028



221.7440, -109.3198, 16.8875



180.8070, -81.7429, -55.0817



120.6320, -5.2416, 1.1997



161.8060, -79.7704, 12.4481



51.0780, -25.1815, 3.4396

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.1070, 98.5472, -15.0028



33.2560, 109.3198, -16.8875



78.8940, 81.8903, 54.4670



111.6670, 5.0942, -0.5850



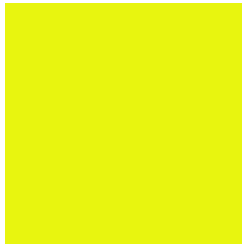
24.4930, 79.6230, -11.8334



7.6230, 25.3289, -4.0544

Previews

White Background



This preview shows how the YUV color 214.8930, -98.5472, 15.0028 looks on a white background.

Color Contrast Check

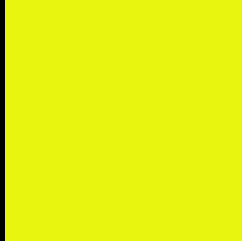
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 214.8930, -98.5472, 15.0028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.8930, -98.5472, 15.0028

Background



This preview shows how black text looks on a background with the YUV color 214.8930, -98.5472, 15.0028.



This preview shows how white text looks on a background with the YUV color 214.8930, -98.5472, 15.0028.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

214.8930, -98.5472, 15.0028

Protanopia

229.3350, -45.0282, 22.5082

Deuteranopia

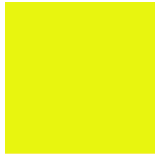
233.8270, -17.6627, 18.5687



Tritanopia

236.3310, 4.7668, 11.1107

Trichromacy



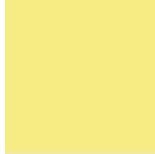
Original Color

214.8930, -98.5472, 15.0028



Protanomaly

224.1610, -64.6624, 20.0298



Deuteranomaly

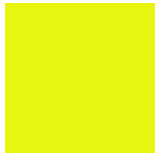
226.7320, -47.1959, 17.7750



Tritanomaly

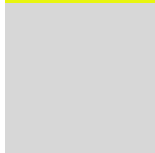
228.4830, -32.7761, 12.7314

Monochromacy



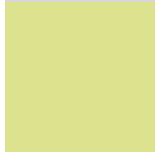
Original Color

214.8930, -98.5472, 15.0028



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.9290, -35.9540, 5.3243

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8930, -98.5472, 15.0028 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 245, 15)` looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 15)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 245, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 15) }
```

Border

The CSS property to change the border of an element to YUV 214.8930, -98.5472, 15.0028 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 245, 15) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(232, 245, 15) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(232, 245, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 245, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 245, 15);  
box-shadow:4px 4px 4px 4px rgb(232, 245,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 214.8930, -98.5472, 15.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 245, 15) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
245, 15) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor